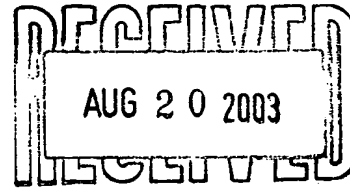




*Duplicate  
Copy*

2663

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



In re Application of : Zion Hadad  
Serial No. : 09/399,109  
Filed : September 20, 1999  
For : Bi-directional communication channel  
Art Unit : 2663  
Examiner : Duc T. Duong

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AUG 19 2003  
Technology Center 2600

AMENDMENT

Honorable Commissioner  
of Patents and Trademarks  
U.S. Patent Office  
Washington, D.C. 20231  
U.S.A.

Sir:

Please find attached my answer to the Official Action of May 16, 2003,  
pages 1 to 12.

The answer is being sent today, August 14, 2003 by Facsimile, to the  
Examiner at Fax No. 703-872-9314.

✓ A copy is being sent by mail to the US PTO.

Respectfully submitted,

Dr Zion Hadad, Applicant  
48 Haalmogim Street  
Rishon Lezion  
Israel

zionh@runcom.co.il



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Honorable Commissioner  
of Patents and Trademarks  
U.S. Patent Office  
Washington, D.C. 20231  
U.S.A.

Sir:

In response to the Official Action of May 16, 2003, please amend  
the above- identified patent application as follows:

In the Drawings:

Since no grounds for objecting to the drawings are indicated in the above  
Official Action,

Applicant respectfully asks the Examiner to approve the changes as shown  
on the sketches in the twenty sheets (Figs. 1 to 20), which the Applicant  
has attached to his previous communication filed on 04 March 2003.

Please substitute the new Drawings for the present ones.

In the Specification:

Page 5, after the first paragraph "A reduced ... effects." ,  
insert the following passage:

--Undesired frequency deviations pose a difficult problem in the uplink  
channel (from subscribers to base), since the base has to concurrently  
receive and process signals from a plurality of subscribers; each  
subscriber may have a different deviation, from Doppler or other causes.